PATENT Attorney Docket No. 102.0001-12000 Customer No. 22882 Express Mail No. ET692326444US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Gary K. Michelson, M.D.) Group Art Unit: (3764)
Serial No.: (Cont. of 10/685,776))
Filed: December 19, 2003) Examiner: (M. Brown)
For: SPINAL IMPLANT FOR INSERTION)
BETWEEN VERTEBRAL BODIES)_

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Copies of the listed documents were previously cited in a prior application, Serial No. 10/685,776, filed October 15, 2003, and/or Serial No. 08/480,684, filed June 7, 1995, upon which applicant relies for the benefits provided in 35 U.S.C. § 120.

Please note that ES 283078 is related to U.S. Patent No. 4,877,020; EP 0268115 is related to U.S. Patent No. 4,820,305; DE 26 21 384 is related to U.S. Patent No. 4,177,524; and GB 1291470 is related to DE 1961531.

The present application is a continuation application of Serial No. 10/685,776, filed October 15, 2003, which is a continuation application of Serial No. 08/480,684, filed June 7, 1995. The '684 application is a divisional application of Serial No.

07/968,240, now U.S. Patent No. 5,741,253, which is a continuation of application Serial No. 07/698,674, now abandoned, which is a divisional application of Serial No. 07/205,935, now U.S. Patent No. 5,015,247.

Applicant brings to the Examiner's attention that the '247 patent was the subject of litigation in the United States District Court for the Central District of California, Western Division, Civil Action No. 95-0258RG, hereinafter referred to as Litigation 1.

The claims of the '247 patent are directed to a fusion implant.

The '253 patent was the subject of litigation in the United States District Court for the Western District of Tennessee, Civil Action No. 98-2369GA (JSG), hereinafter referred to as Litigation 2. The '253 patent was also the subject of litigation in the United States District Court for the Western District of Tennessee, Western Division, Case No. 99-2656GV, hereinafter referred to as Litigation 3 ("Lit. 3"). The claims of the '253 patent are generally directed to a method for preparing adjacent vertebrae to receive an implant.

U.S. Patent No. 5,484,437 (a continuation in part of the '253 patent) and U.S. Patent No. 6,096,038 (a divisional of the '437 patent) were also the subject of litigation in Litigation 3. The claims of the '437 patent are generally directed to a method for inserting an implant. The claims of the '038 patent are generally directed to instruments used for preparing adjacent vertebrae to receive an implant and/or inserting an implant.

In Litigations 1-3, the defendants asserted that various references were pertinent to the issue of validity of the '247 patent, the '253 patent, the '437 patent, and the '038 patent under 35 U.S.C. §§ 102 and 103. Applicant notes for the Examiner on the attached Form PTO-1449 in the column for the Examiner's initials the references

identified by defendants in Litigation 1 as being allegedly pertinent to the '247 patent by the designation "Lit. 1." References identified by the defendants in Litigation 2 as being allegedly pertinent to the '253 patent are identified by the designation "Lit. 2." References identified by the defendants in Litigation 3 as being allegedly pertinent to the '437 patent are identified by the designation "Lit. 3a." References identified by defendants in Litigation 3 as being allegedly pertinent to the '253 patent are identified by the designation "Lit. 3b." References identified by defendants in Litigation 3 as being allegedly pertinent to the '038 patent are identified by the designation "Lit. 3c."

The defendants in Litigation 3 also raised allegations of inequitable conduct in relation to the procurement of:

- (1) the '253 patent for failing to (a) highlight U.S. Patent No. 4,570,624 to Wu, (b) disclose litigation related to the '247 patent, and (c) disclose EP 0077159 to Atkins, an article written by Jose Vich ("Anterior cervical interbody fusion with threaded cylindrical bone," *Neurosurg* 63: 750-753, 1985), and manuals by Muller, M.E. ("Manual of Internal Fixation: Techniques Recommended by the AO Group;" Second Edition, Expanded and Revised; pp. 3-20, 27-41, 53-58, 71-78, 94, 311, 320; Springer-Verlag; 1979), Hierholzer, G. ("Manual on the AO/ASIF Tubular External Fixator;" pp. 85-91; Springer-Verlag; 1985), and Heim, Urs ("Small Fragment Set Manual: Technique Recommended by the ASIF-Group;" pp. 5-7, 10, 20, 21, 30; Springer-Verlag; 1974);
- (2) the '437 patent for failing to (a) disclose the existence of and information surrounding litigation concerning inventorship issues with the subject matter of U.S. Patent No. 5,489,307 to Kuslich and (b) disclose U.S. Patent No. 2,842,131 to Smith, U.S. Patent No. 4,142,517 to Stavropoulos et al., U.S. Patent No. 4,677,883 to Lee,

U.S. Patent No. 4,830,000 to Shutt, U.S. Patent No. 4,878,915 to Brantigan, U.S. Patent No. 4,943,291 to Tanguy, U.S. Patent No. 4,961,740 to Ray et al., and U.S. Patent No. 5,055,104 to Ray; and

(3) the '038 patent for failing to (a) disclose the existence of and information surrounding litigation concerning inventorship issues with the subject matter of U.S. Patent No. 5,489,307 to Kuslich and (b) filing an allegedly misleading Rule 131 declaration.

Litigations 1-3 are no longer pending. The jury in Litigation 2 found all asserted claims of the '253 patent valid in view of the art cited by the defendant. Litigations 1-3 were settled with the defendants in each litigation retracting their assertions of invalidity and inequitable conduct. Discovery documents relating to the aforementioned litigations are available upon request.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1068.

Respectfully submitted,

MARTIN & FERRARO, LLP

Date: December 19, 2003

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OMB 0651-0031

Express Mail No.: ET692326444US

Substitute for FORM PTO-1449	Attorney Docket Number 102.0001-12000	Customer No. 22882	
INFORMATION DISCLOSURE CITATION	Applicant	Application Num	ber
IN AN APPLICATION	Gary K. Michelson, M.D.	on, M.D. (Cont. of 10/685,776)	
(Use several sheets if necessary)	Filing Date	Group Art Unit	Examiner
Sheet <u>1</u> of <u>4</u>	December 19, 2003	(3764)	(M. Brown)

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D 257511	Nov-80	Zahn			
	D 260525	Sep-81	Lassiter			
Lit. 1	Re. 31,865	Apr-85	Roux			
	2,243,718	May-41	Moreira			
	2,537,070	Jan-51	Longfellow			
	2,543,780	Mar-51	Hipps et al.			
Lit. 2	3,128,768	Apr-64	Geistauts			
Lit. 1	3,298,372	Jan-67	Feinberg et al.			
	3,426,364	Feb-69	Lumb			
Lit. 2	3,486,505	Dec-69	Morrison			
Lit. 1	3,604,487	Sep-71	Gilbert			
Lit. 3b	3,719,186	Mar-73	Merig, jr.			
Lit. 2	3,848,601	Nov-74	Ma et al.			
	3,867,728	Feb-75	Stubstad et al.			
Lit. 2	3,875,595	Apr-75	Froning			
Lit. 2	3,892,232	Jul-75	Neufeld			
Lit. 1	3,905,047	Sep-75	Long			······································
Lit. 1	4,016,651	Apr-77	Kawahara et al.			
	4,051,905	Oct-77	Kleine			·
	4,059,115	Nov-77	Jumashev et al.			
	4,070,514	Jan-78	Entherly et al.			
Lit. 1	4,086,701	May-78	Kawahara et al.			
Lit. 1	4,124,026	Nov-78	Berner et al.			· · · · · · · · · · · · · ·
Lit. 1	4,175,555	Nov-79	Herbert			
Lit. 1	4,177,524	Dec-79	Grell et al.			
	4,181,457	Jan-80	Holmes			
Lit. 1	4,259,072	Mar-81	Hirabayashi et al.			
Lit. 1	4,262,369	Apr-81	Roux			
	4,289,123	Sep-81	Dunn			

Lit. 1						
Lit. 1	Lit. 1	4,293,962	Oct-81	Fuson		
4,332,036		4,309,777	Jan-82	Patil		
Lit. 1 & 3c	Lit. 1	4,328,593	May-82	Sutter et al.		
Lit. 1 & 3c		4,332,036	Jun-82	Sutter et al.		
Lit. 1 4,356,572 Nov-82 Guillemin et al. 4,401,112 Aug-83 Rezaian 4,423,721 Jan-84 Otte et al. Lit. 1 4,484,570 Nov-84 Sutter et al. Lit. 1 4,484,570 Nov-84 Sutter et al. Lit. 1 4,553,273 Nov-85 Bagby Lit. 2 4,545,374 Oct-85 Jacobson 4,553,273 Nov-85 Wu A,554,914 Nov-85 Kapp et al. Lit. 2, 3b, 8 3c 4,570,624 Feb-86 Wu A,599,086 Jul-86 Doty Lit. 1 4,683,486 Mar-87 Ocker A,685,217 Jan-87 Ogitvie et al. Lit. 1 4,683,486 Mar-87 Coker A,664,567 May-87 Edwards A,710,075 Dec-87 Davison Lit. 1 4,713,004 Dec-87 Linkow et al. Lit. 3c 4,714,469 Dec-87 Kenna A,736,738 Apr-88 Lipovesek et al. Lit. 1 8.2 4,743,256 May-88 Brantigan A,763,644 Aug-88 Webb A,790,303 Dec-98 Steffee A,805,602 Feb-89 Puno et al. Lit. 1 8.2 4,843,475 May-89 Brantigan Lit. 2 4,848,327 Jul-89 Perdue Lit. 2 4,863,476 Sep-89 Monson		4,341,206	Jul-82	Perrett et al.		
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Lit. 1 & 2 4,878,915 Nov-89 Brantigan	Lit. 1 & 2	4,878,915	Nov-89	Brantigan		
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	4,936,848	Jun-90 Bagby							
	4,955,908	Sep-90		Frey et al.					
	5,015,247	May-91		Michelson					
Lit. 1	5,084,050	Jan-92		Draenert					
		FORE	IGN	PATEN	T DOCU	MENTS			
	DOCUMENT NUMBER	DATE	СО	UNTRY	CLASS	SUBCLASS		TRANSLATION (YES/NO)	
Lit. 2, 3a, 3b, & 3c	EP 0 077 159	04/1983	Eur	ope				N/A	
	EP 0 260 044	3/1988	Eur	оре			N/A		
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